

PATENT
150-125

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of)
Boris A. Olshvanger and Gregory Bogorodzki)
Filed: Simultaneously herewith.)
Titled: IMPROVED ENTRANCE WINDOW)
FOR GAS FILLED RADIATION)
DETECTORS) Date:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

Attached hereto is the following patent document that is listed on attached Form

PTO/SB/08A:

United States Patent No. 3,296,478, issued January 3, 1967, to Ichinokawa, and titled PROPORTIONAL COUNTER HAVING A POLYCARBONATE WINDOW, describes proportional counter in which mica or beryllium windows are replaced with polycarbonate in order to satisfactorily detect carbon in a fluorescent X-ray analyzer or an electron probe X-ray microanalyzer.

United States Patent No. 3,196,200, issued October 28, 1975, to Sparks, Jr. et al., and titled WINDOW FOR RADIATION DETECTORS AND THE LIKE, describes an ionizing radiation detector in which the beryllium window is replaced with a graphite window.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.S./

INFORMATION DISCLOSURE STATEMENT
Inventors: Boris A. Olshvanger and Gregory Bogorodzk

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United States Patent No. 4,178,509, issued December 11, 1979, to more et al., and titled SENSITIVITY PROPORTIONAL COUNTER WINDOW, describes a proportional counter window comprising beryllium sealed with thin layer of a thermoplastic material.

United States Patent No. 4,933,557, issued June 12, 1990, to Perkins et al. and titled RADIATION DETECTOR WINDOW STRUCTURE AND METHOD OF MANUFACTURING THEREOF, describes a support structure for a radiation detector window, comprising a frame with a plurality of ribs having smoothed and rounded tops which contact the window.

United States Patent No. 5,013,922, issued May 7, 1991, to Little et al., and titled REDUCED THICKNESS RADIATION WINDOW FOR AN IONIZATION DETECTOR, describes an X-ray detector in which the collimator support or the collimators themselves press against edges of the outside of the window of the detector, thus permitting the window to be much thinner than usual.

United States Patent No. 5,345,083, issued September 6, 1994, and titled X-RAY DETECTOR COMPRISING AN IMPROVED ENTRANCE WINDOW, describes an X-ray detector in which the electrically conductive layer on the inside of the window thereof is formed from iridium, platinum, gold, or a mixture thereof.

Respectfully submitted,



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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/10/2003
(use as many sheets as necessary)				Filing Date	Boris A. Olshvanger
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	150-125

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Andrew Smyth/ (06/12/2008)	Date Considered
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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